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File: USPT

Feb 6, 2001

US-PAT-NO: 6185409

DOCUMENT-IDENTIFIER: US 6185409 B1

TITLE: Network engineering/systems engineering system for mobile satellite communication system

DATE-ISSUED: February 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Threadgill; Michael E.	Annapolis	MD		
Lin; ShihChao	Reston	VA		

INT-CL-ISSUED: [07] H04 B 7/185, H04 Q 7/20

US-CL-ISSUED: 455/12.1; 455/427

US-CL-CURRENT: 455/12.1; 455/427

FIELD-OF-CLASSIFICATION-SEARCH: 455/12.1, 455/430, 455/427

See application file for complete search history.

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/> <u>4858225</u>	August 1989	DeSantis	
<input type="checkbox"/> <u>5526404</u>	June 1996	Wiedeman et al.	
<input type="checkbox"/> <u>5555444</u>	September 1996	Diekelman et al.	
<input type="checkbox"/> <u>5586165</u>	December 1996	Wiedeman	
<input type="checkbox"/> <u>5590395</u>	December 1996	Diekelman	
<input type="checkbox"/> <u>5594740</u>	January 1997	Ladue	
<input type="checkbox"/> <u>5594780</u>	January 1997	Wiedeman et al.	
<input type="checkbox"/> <u>5713075</u>	January 1998	Threadgill et al.	455/427
<input type="checkbox"/> <u>5850602</u>	December 1998	Tisdale et al.	455/430
<input type="checkbox"/> <u>5926745</u>	July 1999	Threadgill et al.	455/12.1

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Leung, Powell, "Traffic Engineering for Satellite-Mobile Voice Services", IEEE, 1991.

Sun, Komisarczuk, Coakley, Evans, Traffic management in Satellilite ATM Bridge, Teletraffic Synposium, 11th Performance Engineering in Telecommunications Networks, 1994.

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"Feederlink Earth Station to Provide Mobile Satellite Services in North America", Robert H. McCauley, et al., American Institute of Aeronautics and Astronautics, Jan./Feb. 1994, pp. 1-9.

"Implementation of a System to Provide Mobile Satellite Services in North America", Gary A. Johanson, et al., presented at International Mobile Satellite Conference '93, Jun. 16-18, 1993.

"Call Control in the AMSC Mobile Satellite Service System", by W. R.H. Tisdale et al., Pre-Publication Review Copy, American Institute of Aeronautics and Astronautics, Mar. 1, 1994, pp. 1-13.

ART-UNIT: 279

PRIMARY-EXAMINER: Cumming; William

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<input type="checkbox"/>	<u>5586165</u>	December 1996	Wiedeman	
<input type="checkbox"/>	<u>5590395</u>	December 1996	Diekelman	
<input type="checkbox"/>	<u>5592470</u>	January 1997	Rudrapatna et al.	
<input type="checkbox"/>	<u>5594740</u>	January 1997	Ladue	
<input type="checkbox"/>	<u>5594780</u>	January 1997	Weideman et al.	
<input type="checkbox"/>	<u>5608727</u>	March 1997	Perreault et al.	455/509
<input type="checkbox"/>	<u>5659878</u>	August 1997	Uchida et al.	
<input type="checkbox"/>	<u>5669062</u>	September 1997	Olds et al.	455/509
<input type="checkbox"/>	<u>5713075</u>	January 1998	Threadgil et al.	455/12.1
<input type="checkbox"/>	<u>5717830</u>	February 1998	Sigler et al.	
<input type="checkbox"/>	<u>5842125</u>	November 1998	Modzelesky et al.	
<input type="checkbox"/>	<u>6058307</u>	May 2000	Garner	455/428
<input type="checkbox"/>	<u>6185409</u>	February 2001	Threadgil et al.	455/427

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	CLASS
WO/US97/20401	June 1997	WO	

OTHER PUBLICATIONS

International Search Report for PCT/US96/19165, dated Mar. 10, 1997.
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 North American Mobile Satellite System Signalling Architecture , Lawrence White et al., American Institute of Aeronautics and Astronautics, Inc. (pp. 427-439).
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Mobile Earth Terminals in the AMSC Mobile Satellite Service System, Kok-Song Fong et al., American Institute of Aeronautics and Astronautics, Inc., 1994 (pp. 1-11).

ART-UNIT: 2682

PRIMARY-EXAMINER: Chin; Vivian

ASSISTANT-EXAMINER: Moore; James K

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File: USPT

Apr 1, 2003

US-PAT-NO: 6542739

DOCUMENT-IDENTIFIER: US 6542739 B1

TITLE: Priority and preemption service system for satellite related communication using central controller

DATE-ISSUED: April 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Garner; William B.	Laytonsville	MD		

INT-CL-ISSUED: [07] [H04](#) [Q](#) [7/20](#)

US-CL-ISSUED: 455/427; 455/12.1, 455/512, 455/452

US-CL-CURRENT: [455/427](#); [455/1](#), [455/12.1](#), [455/512](#)

FIELD-OF-CLASSIFICATION-SEARCH: 455/12.1, 455/13.1, 455/13.2, 455/403, 455/410, 455/411, 455/414, 455/422, 455/424, 455/425, 455/426, 455/427, 455/428, 455/429, 455/430, 455/517, 455/524, 455/62

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	4951279	August 1990	Hotta	
<input type="checkbox"/>	5216427	June 1993	Yan et al.	
<input type="checkbox"/>	5239674	August 1993	Comroe et al.	
<input type="checkbox"/>	5303286	April 1994	Wiedeman	
<input type="checkbox"/>	5371898	December 1994	Grube et al.	
<input type="checkbox"/>	5392355	February 1995	Khurana et al.	
<input type="checkbox"/>	5394560	February 1995	Kane	
<input type="checkbox"/>	5488649	January 1996	Schellinger	
<input type="checkbox"/>	5526404	June 1996	Wiedeman et al.	
<input type="checkbox"/>	5533023	July 1996	Ohlson et al.	
<input type="checkbox"/>	5555257	September 1996	Dent	